Customize Options to Suit Site Conditions

○ Dry (Xeric) ○ Dry/Mesic ○ Mesic (Medium) ○ Wet/Mesic ○ Wet (Hydric)

○ Prairie ○ Savanna ○ Wetland ○ Woodland

USDA NRCS
United States Department of Agriculture
Natural Resources Conservation Service

CHOOSE A RATE SPECIFICATION:

○ lbs/acre PLS ◉ Seeds/ft2 PLS

Current Version 08/24

CHOOSE YOUR GRASSES

Common Name	Scientific Name / Growth Form	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	% of Mix	Functional Group
		Equivalent rate below					
Big Bluestem	**Andropogon gerardii**		**8.000**	6	3.6731	20.00%	Perennial Warm Season Grass
	Bunch	**2.178**					
Prairie Oval Sedge	**Carex brevior**		**2.000**	4	10.6520	5.00%	Perennial Cool Season Sedge
	Bunch	**0.188**					
Virginia Wildrye	**Elymus virginicus**		**3.500**	4	1.5427	8.75%	Perennial Cool Season Grass
	Bunch	**2.269**					
Switchgrass	**Panicum virgatum**		**4.000**	7	5.1423	10.00%	Perennial Warm Season Grass
	Rhizomatous	**0.778**					
Marsh Muhly	**Muhlenbergia racemosa**		**1.500**	4	29.3848	3.75%	Perennial Warm Season Grass
	Rhizomatous	**0.051**					
Troublesome Sedge	**Carex molesta**		**3.000**	3	9.1827	7.50%	Perennial Cool Season Sedge
	Bunch	**0.327**					
Fox Sedge	**Carex vulpinoidea**		**8.000**	3	36.7309	20.00%	Perennial Cool Season Sedge
	Bunch	**0.218**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
GRAMINOID TOTAL	7	6.008	30.000	4.4

CHOOSE YOUR FORBS/LEGUMES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS Equivalent rate below	Seeds / ft2 PLS Equivalent rate below	Coefficient of Conservatism	# Seeds / ft^2 @ 1 lb. / ac	% of Mix	Functional Group
Black-eyed Susan	**Rudbeckia hirta**		**2.000**	3	33.792	5.00%	Biennial Forb
	Summer, Fall	**0.059**					
Gray-headed Coneflower	**Ratibida pinnata**		**1.000**	4	11.019	2.50%	Perennial Forb
	Summer, Fall	**0.091**					
Sneezeweed	**Helenium autumnale**		**2.190**	5	47.7502	5.48%	Perennial Forb
	Summer, Fall	**0.046**					
Culver's Root	**Veronicastrum virginicum**		**1.500**	6	293.8476	3.75%	Perennial Forb
	Summer	**0.0051**					
Obedient Plant	**Physostegia virginiana**		**0.100**	6	8.0808	0.25%	Perennial Forb
	Summer, Fall	**0.012**					
Virginia Mountain Mint	**Pycnanthemum virginianum**		**0.300**	4	80.8081	0.75%	Perennial Forb
	Summer, Fall	**0.0037**					
Blue Vervain	**Verbena hastata**		**0.200**	4	34.1598	0.50%	Perennial Forb
	Summer, Fall	**0.0059**					
Cup Plant	**Silphium perfoliatum**		**0.010**	2	0.5	0.03%	Perennial Forb
	Summer, Fall	**0.019**					
Great St. John's Wort	**Hypericum ascyron**		**1.500**	6	69.7888	3.75%	Perennial Forb
	Summer	**0.021**					
Golden Alexander's	**Zizia aurea**		**0.200**	7	4.0404	0.50%	Perennial Forb
	Spring, Summer	**0.050**					
Boneset	**Eupatorium perfoliatum**		**0.300**	6	58.7695	0.75%	Perennial Forb
	Summer, Fall	**0.0051**					
Wild Quinine	**Parthenium integrifolium**		**0.050**	9	2.5712	0.13%	Perennial Forb
	Summer, Fall	**0.019**					
Rattlesnake Master	**Eryngium yuccifolium**		**0.050**	7	2.7548	0.13%	Perennial Forb
	Summer, Fall	**0.018**					
Tall Coreopsis	**Coreopsis tripteris**		**0.050**	4	5.1423	0.13%	Perennial Forb
	Summer, Fall	**0.0097**					
Sweet Coneflower	**Rudbeckia subtomentosa**		**0.300**	6	15.7943	0.75%	Perennial Forb
	Summer, Fall	**0.019**					
Canadian Milkvetch	**Astragalus canadensis**		**0.050**	5	6.2443	0.13%	Perennial Forb, Legume
	Summer	**0.0080**					
Swamp Milkweed	**Asclepias incarnata**		**0.100**	4	1.7631	0.25%	Perennial Forb
	Summer	**0.057**					
Ironweed	**Vernonia fasciculata**		**0.100**	4	8.8154	0.25%	Perennial Forb
	Summer, Fall	**0.011**					

	Species Richness	lbs / acre PLS	seeds / ft^2 PLS	Average CC
FORBS/LEGUMES TOTAL	18	0.461	10.000	5.1

CHOOSE YOUR VINE OR WOODY PLANT SPECIES

Common Name	Scientific Name Flowering Period	Lbs / acre PLS	Seeds / ft2 PLS	Coefficient of Conservatism	# Seeds / ft^2 @ 1 oz. / ac	% of Mix	Functional Group
		Equivalent rate below					

	Species Richness	Lbs / acre PLS	seeds / ft^2 PLS	Average CC
VINE & WOODY PLANT TOTAL	0	0.000	0.000	0.0

	lbs / acre PLS	seeds / ft^2 PLS	Average CC	Species Richness	Floristic Quality Index
GRAND TOTAL	6.469	40.000	4.9	25	24.6